





Created: 2 hours, 3 minutes after earthquake

PAGER

Version 2

M 5.5, 98 km N of Manatutu, Timor Leste

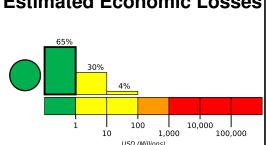
Origin Time: 2023-10-28 13:04:53 UTC (Sat 22:04:53 local) Location: 7.6308° S 125.8546° E Depth: 10.0 km

Estimated Fatalities

10,000 1,000

Green alert for shaking-related fatalities Estimated Economic Losses and economic losses. There is a low likeli-

hood of casualties and damage.



Estimated Population Exposed to Earthquake Shaking

126.2°E

			-							
ESTIMATED POPULATION EXPOSURE (k=x1000)		_*	2,059k	52k	5k	2k	0	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY		I	11-111	IV	V	VI	VII	VIII	IX	X+
PERCEIVED SHAKING		Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	Resistant Structures	None	None	None	V. Light	Light	Moderate	Mod./Heavy	Heavy	V. Heavy
	Vulnerable Structures	None	None	None	Light	Moderate	Mod./Heavy	Heavy	V. Heavy	V. Heavy

^{*}Estimated exposure only includes population within the map area.

125.1°E

Population Exposure

7.2°S

population per 1 sq. km from Landscan

Structures

Venilale

Overall, the population in this region resides in structures that are vulnerable to earthquake shaking, though resistant structures exist. The predominant vulnerable building types are unreinforced brick with concrete floor and precast concrete frame with wall construction.

Historical Earthquakes

		-		
Date		Mag.	Max	Shaking
(UTC)	(km)		MMI(#)	Deaths
1995-05-21	328	5.2	VII(70k)	1
1977-08-27	80	7.0	VIII(1k)	2
1987-11-26	200	6.5	VIII(6k)	37

Recent earthquakes in this area have caused secondary hazards such as landslides that might have contributed to losses.

Selected City Exposure

from GeoNames.org

L -	
ty	Population
anatuto	2k
etinaro	4k
i	150k
ıyaka	<1k
aritaing	<1k
eno	8k
eu	17k
luica	19k
me	25k
ai	22k
aliana	22k
	anatuto etinaro li uyaka aritaing eno eu quica une

bold cities appear on map.

(k = x1000)

PAGER content is automatically generated, and only considers losses due to structural damage. Limitations of input data, shaking estimates, and loss models may add uncertainty.